

Automated Logistics Management Support System (ALMSS)



ALMSS ONLINE



The Purpose of ALMSS

Intelligence, Surveillance, Reconnaissance Directorate

ALMSS is a web based integrated wholesale/retail Supply Chain Management (SCM) system which provides a single global logistics view of U-2 aircraft, power plant, sensors, data links, Distributed Common Ground Systems, Associated Support Systems, and Special Project assets managed by the Intelligence Surveillance Reconnaissance Directorate.

ALMSS supports the low density high demand weapon systems SCM environment required by the ISR Directorate to provide global logistics support to the Warfighter.

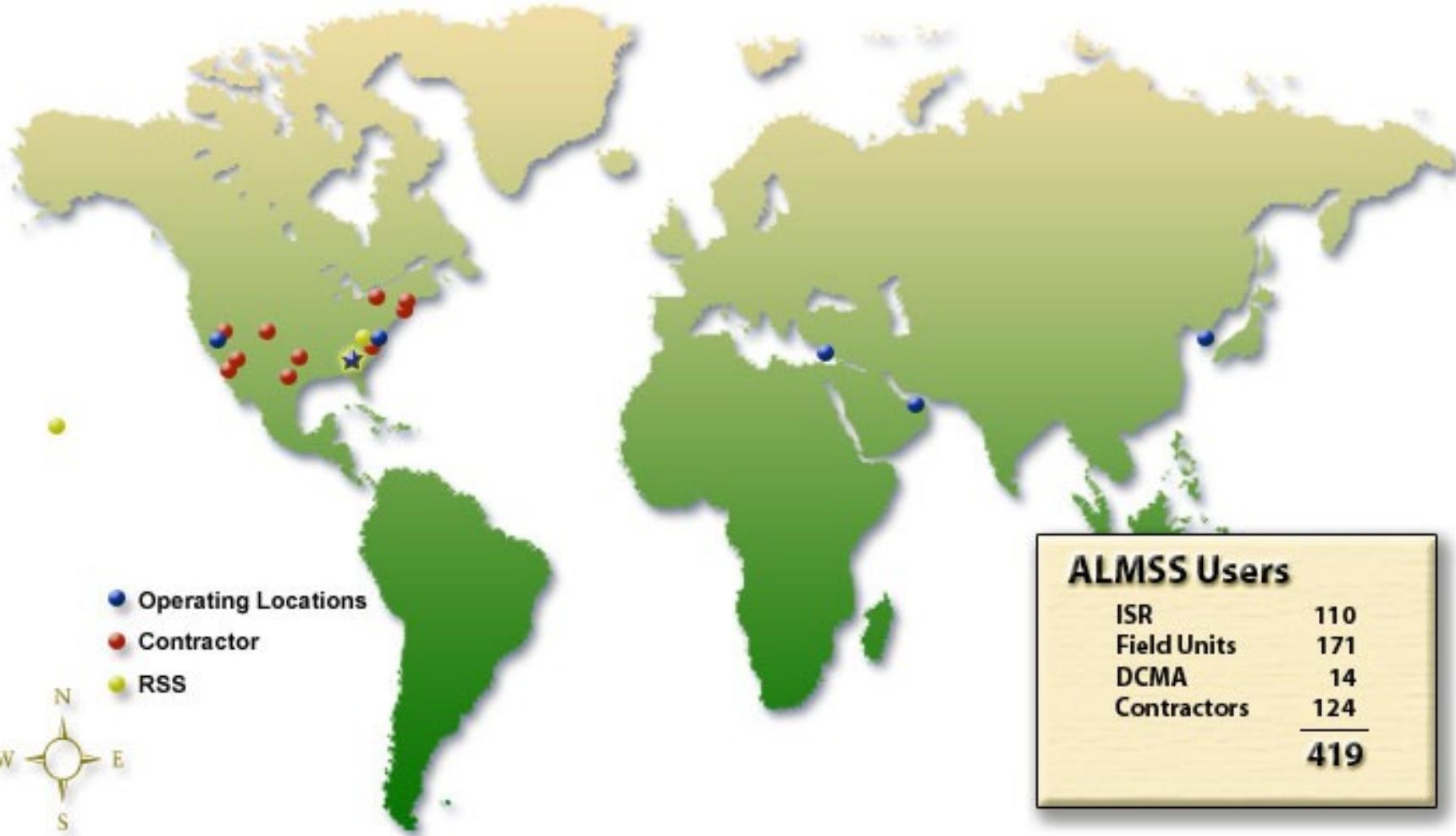




Global ALMSS Users

U.S. AIR FORCE

Intelligence, Surveillance, Reconnaissance Directorate





ALMSS Capabilities



U.S. AIR FORCE

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Vendor/Customer Data

- ➔ Names
- ➔ Addresses
- ➔ Locations
- ➔ SRANs & RIDs
- ➔ Communications Routing Data
- ➔ POC Information

Parts Cataloging Data

- ➔ Common Items, Kit Items and Peculiar Part Numbers
- ➔ Standard DoD Codes
- ➔ Automated SNUD Registration and Updates
- ➔ I&S Data
- ➔ RIMCS Data
- ➔ Transportation Data
- ➔ SPAADL
- ➔ RSPL

Current Catalog Listing Part Number	Ordering Information			
	Bulk Hose		Inside Diameter	Roll Length
	Part Number	H/C		
95001-35	95001-35003-20M	2380533	3.5 mm	3M (9.9ft)
95001-35	95001-35003-40M	2380541	3.5 mm	3M (9.9ft)
95001-35	95001-35003-20M	2380558	4.5 mm	3M (9.9ft)
95001-41	95001-41001-20M	2324985	4.5 mm	BM (26.4ft)
95001-41	95001-41001-40M	2380568	4.5 mm	BM (26.4ft)
95001-51	95001-51001-20M	2380575	5.3 mm	8M (26.4ft)
95001-53	95001-53001-20M	2380584	5.3 mm	8M (26.4ft)
95001-53	95001-53001-40M	2380592	5.3 mm	8M (26.4ft)
95001-55	95001-55001-20M	2385896	5.3 mm	8M (26.4ft)
95001-55	95001-55001-30M	2385896	5.3 mm	8M (26.4ft)
95001-73	95001-73003-30M	235041	7.3 mm	3M (9.9ft)
95001-75	95001-75003-20M	2385094	7.3 mm	3M (9.9ft)
95001-75	95001-75003-30M	2385094	7.3 mm	3M (9.9ft)



ALMSS Capabilities



Intelligence, Surveillance, Reconnaissance Directorate

★ Military Standard (MILS) Compliant

- ➔ Wholesale/Retail Capability
- ➔ SBSS
- ➔ Other DoD Systems
- ➔ MILSTRIP
- ➔ MILSTRAP
- ➔ RAMPS
- ➔ IRA on file at SSG

★ Requisition Processing

- ➔ Requisitions
- ➔ Status
- ➔ Follow-ups
- ➔ Cancellations
- ➔ Modifiers
- ➔ Material Obligation Validation Reconciliations
- ➔ Exception Processing
- ➔ Online or via DAAS



ALMSS Capabilities



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★ Funds Management

- ✈ Provides Data for CFO
- ✈ Funding Targets
- ✈ Tracks Obligations & Expenditures
- ✈ Supports Multiple Funding Accounts (i.e. Air, Ground, Global Hawk, OSHRUB, etc.)
- ✈ Real Time Updates
- ✈ Requisition Exception Processing (priority, dollar value, quantity, etc.)





ALMSS Capabilities



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Procurement

- Purchase Requests (Buys/Repairs)
- Purchase Directives
- Work Orders
- Price History Data



Requirements Computations

- Forecasting (Buys/Repairs)
- Past Usage & Consumption Data (Demands)
- Reparable Generations
- Additives
- Flight Hours
- Equipment Months
- “What If” Scenarios
- Computation Logic
 - Reparables
 - Consumables



ALMSS Capabilities



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Receiving

- Full, Partial, Overage, Short, Unplanned
- Automatic Release/Binning/Disposal

Storage

- Warehouse Validations
- Depot and Contractors
- Inventory Functions
- Inspection Functions

Shipping

- Automatic Releases
- Directed Shipments
- Assets shipped from Depot or Contractor Facilities
- DD Form 1348-1As (MIL-STD-129P Compliant)
- Classified Sterile Shippers
- Exception Processing

Transportation

- TCN Data
- Consolidated Shipments
- Feeds AS1 Status to SBSS
- Intransit Visibility
- Links to FedEx and UPS





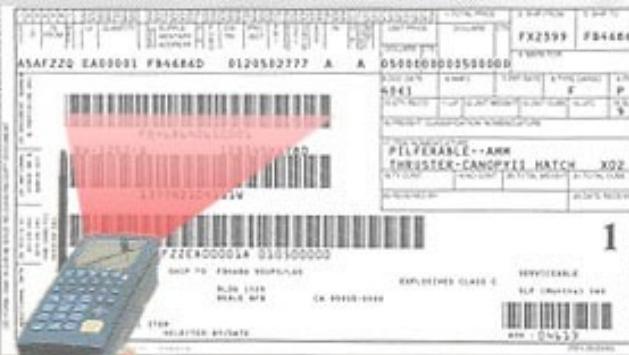
ALMSS Capabilities



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Auditable Documents

- Integrated Optical Imaging System
- Automatic suspense clearing, document indexing capability
- All users can view, save, print documents



Bar Code

- Printed Products
- DD Form 1348-1As
- Property Labels
- Bin Labels
- Sterile Shippers
- Processes Supported
 - Receiving
 - Warehouse Validations
 - Inventories
 - Identity Changes
 - Condition Changes
 - Location Updates
- Radio Frequency Hand Held Terminals



ALMSS Capabilities



Intelligence, Surveillance, Reconnaissance Directorate

Special Items Handling

- ➔ Hazardous
- ➔ Classified
- ➔ Demilitarization
- ➔ Precious Metals
- ➔ Electrostatic Discharge
- ➔ Shelf Life Management
- ➔ MDR/QDR
- ➔ Reusable Containers
- ➔ Special Packaging
- ➔ Serialized Control
- ➔ Material Suspect Receipts





ALMSS Capabilities



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Asset Distribution

- Directed Spares List
- Adjusted Stock Levels
 - Passes 1F3s and FILs to SBSS
 - Validations On Demand
- Special List of Equipment
- Equipment Change Requests
- Readiness Spares Kits (RSPs)
- Material Returns (Excess)
- Redistribution/Referral Orders
- Feeds RIMCS Data to SBSS

Visibility & Reporting

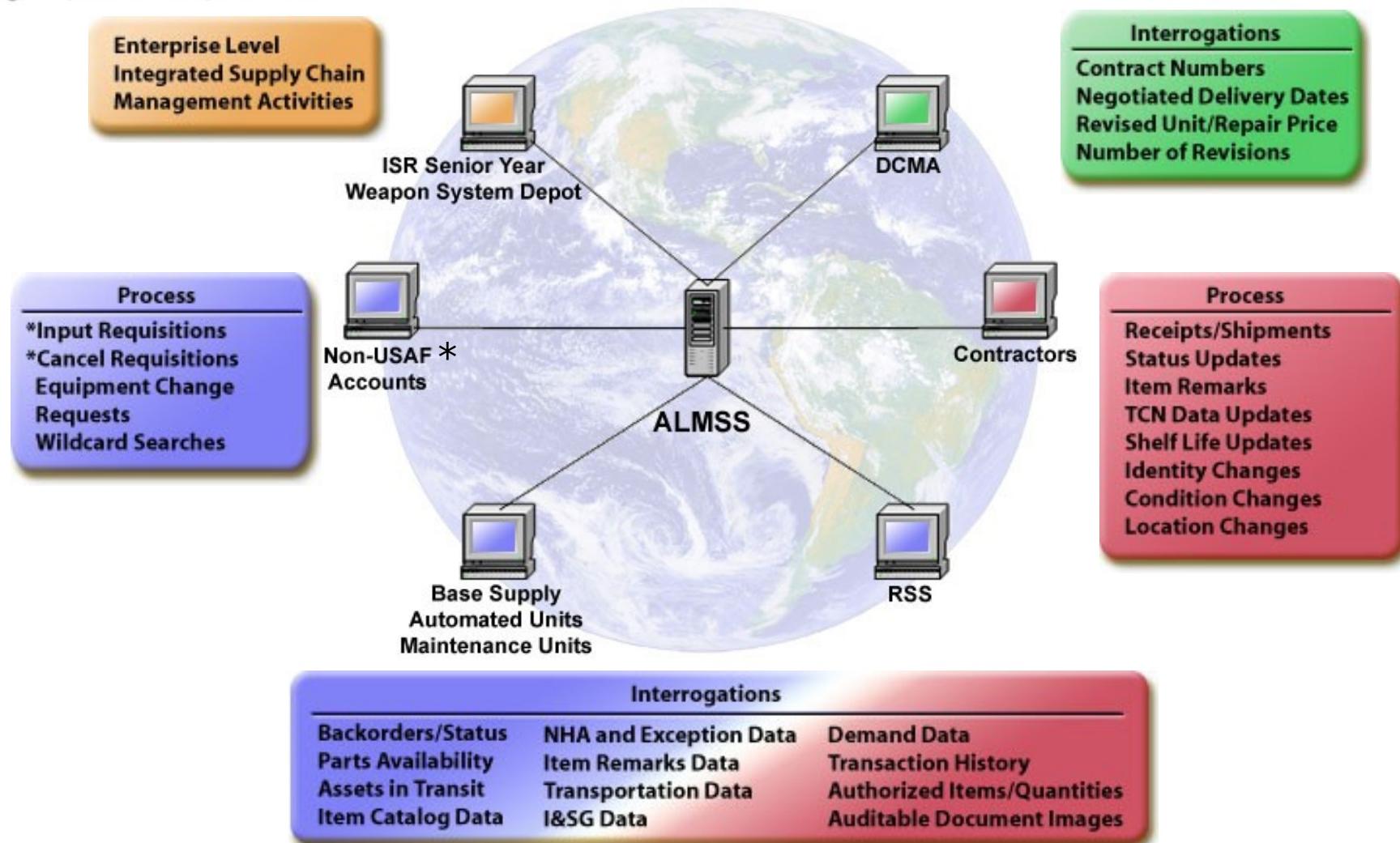
- Weapon System Support Lists
- Authorized Stock Levels
- Stock Availability (Demands, Contractors & Bases)
- Asset Intransit Visibility (FedEx, UPS, etc.)
- Customer Requisition Status
- Supplier Due-In Status
- Transaction History
- Asset Tracking (17 Year History)
- TRACKER (DAAS Transactions)
- Standard Reports/Ad Hoc Queries
- Electronic Report Distribution
- Powerful Transactional Analysis
- Potential Critical Item Visibility



ALMSS

Web Based Functionality

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ALMSS Transactional Interfaces



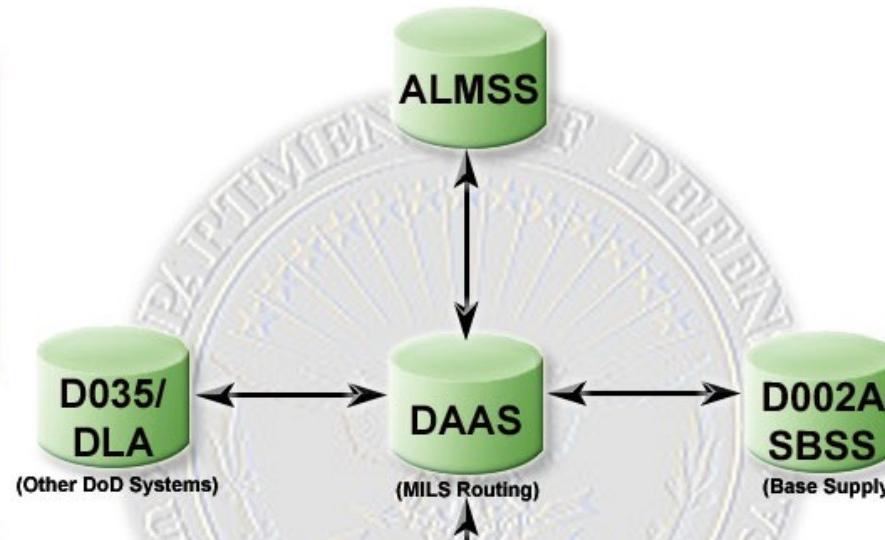
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ALMSS to D035/DLA

- Requisitions
- Modifiers
- Cancellation Requests
- Follow-ups
- Shipment Status
- Excess Reports
- MOV Replies

D035/DLA to ALMSS

- Requisition Status
- Cancellation Replies
- Excess Replies
- Redistribution Orders
- Shipment Status
- MOV Requests



ALMSS to D002A (SBSS)

- Requisition Status
- Cancellation Replies
- Excess Replies
- Redistribution Orders
- Shipment Status
- MOV Requests
- P/N Catalog Data
- P/N Transportation Data
- P/N RIMCS Data

D002A (SBSS) to ALMSS

- Requisitions
- Cancellation Requests
- Modifiers
- Follow-ups
- Shipment Status
- Excess Reports
- MOV Replies
- RAMPS Data
- P/N Interrogations

ALMSS to D046

- NSN Loads
- Interrogations
- Reconciliations

D046 to ALMSS

- Cataloging Data
- I&SG Data
- Transportation Data
- RIMCS Data



ALMSS

High-level Architecture



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- ◆ IBM iSeries eServer
- ◆ Extremely scalable platform
- ◆ Web enabled access
- ◆ IBM DB2 relational database
- ◆ Integrated Language Environment
- ◆ Role based user permissions
- ◆ Approved Certification & Accreditation Package
- ◆ Certificate of Networthiness
- ◆ Certificate to Operate
- ◆ Real time database updates visible to all users
- ◆ Contingency processing capability at development site



ALMSS

Open System Features



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IBM DB2 64-bit Relational Database

Supported industry standards and product-specific interfaces include:



ODBC	MS® Windows® Database Access Standard
OLE DB	MS Windows Information Access Standard
ADO	MS Windows Information Access Standard
JDBC	MS Windows Information Access Classes
SQLJ	Java®-based Database Connectivity
SQL	Java®-based Database Connectivity
DRDA	Java-based Embedded SQL
CLI	Standard SQL
EDA/SQL	X/Open Distributed Database Standard
DAL	X/Open Database Access Standard
Net.Data	IBI's EDA SQL Standard
	Apple® Relational Database Standard APIs



ALMSS

Information Security



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- ◆ IP Filtering
- ◆ SSL 128 bit encryption
- ◆ AFMAN 33-223
Password Compliance

- ◆ Access Controls to individual menu options
- ◆ Contractor Users restricted from other contractors' data
- ◆ Trusted Computing Platform accredited at C2 Level security





ALMSS

Additional Features



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◆ User Friendly

- Single Sign-on
- Standard DoD Terms/Codes
- Online Screen Tool Tips
- Online User's Manual
- Short Learning Curve

◆ Process Improvement

- SEI CMM Level 3 Certified
- SEI CMMI Level 2 Certified
- ISO 9001: 2000 Certified

◆ COTS Integration

- Optical Imaging
- Web Enablement
- eReports Distribution





Upcoming Initiatives



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- ◆ DLMS Migration
- ◆ Unique Identification (UID)
- ◆ Serial Number Tracking (SNT)
- ◆ Executive Presentation Module



ALMSS Highlights



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- ◆ Proven, reliable, stock control & distribution system
 - Automated LEAN agent for many processes
 - Hardware/software in commission rates exceed 99% scheduled availability
- ◆ Integrated relational database – single sign-on/data integrity
 - All users worldwide view same data via standard web browser and static IP address
 - Real-time status & end to end visibility
- ◆ Wholesale/retail capabilities – Depot support transparent to SBSS users
- ◆ Government Owned Software
 - No license fees outside COTS integrated modules (i.e. optical imaging)
 - Government drives software changes as desired
 - Available to other government organizations
- ◆ Contributes to the high availability of ISR Weapon Systems
 - Supports ISR LDHD Free Issue Environment
 - Supports ISR 'Special Projects' & 'Manual Accounts'
 - Providing benefits to the Warfighter NOW
- ◆ Quick turn around on software fixes
 - Average less than fourteen days





Capabilities to be Demonstrated



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- ◆ Main Menu Overview
- ◆ Interrogations
- ◆ Optical Imaging
- ◆ File Maintenance
- ◆ Funds Tracking
- ◆ Computations
- ◆ Field Unit Capabilities
- ◆ Contractor Capabilities



Item Record Data Inquiry

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ALMSS ONLINE AUTOMATED LOGISTICS MANAGEMENT SUPPORT SYSTEM

Home Menu Files Print Sign Off

MAFM01 ITEM RECORD DATA INQUIRY

Item Record NHA/QPA Exception Data Remarks

Item Number : BW-1252-4
ND Number : 1377ND188467W

FSC Raw Part Number Cage Code Noun IM Code
1377 1252-4 32211 TESTER 04

RID:	Y16	SOS:	FZZ	ERRC:	XB3	U/I:	EA	QUP:	1	U/P:	345.00
Demil:	A	CIC:	U	MSI:		SLC:	0	PVC:		LAC:	0.00
B/C:		F/C:		HMIC:		S/L/P:				Carcass:	0.00
PMIC:	A	SFCI:		IMRC:		S/L EXP Date:	NOEXP			LRG:	0.00

RIMCS:	A	TCC:	Z	W/U/C:		Project Code:	
I&S RC:		PEX:		ISG:		Crit Item Code:	
SMR:	PAZZN	REX:		NPPC:		Freeze Code:	
CRJ Code:		SEX:		S/N Excp:		Acq Adv Code:	
ADPE Code:		EC:	7	FFP:		Phrase Code:	

SAIC *** Customer Support 478-926-8235 / DSN 468-8235 ***



Detail Interrogations

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DETAIL INTERROGATIONS

MAIN21 02/25/04

Item Nbr: **LG-766526-1** or Document Nbr: Type: **O**

ND Number	RID	SOS	UI	Price	IM	Slf	ERRCD	CIC	Rvw	RX	PX	SX	Frz	BC	Sn
6605ND090791W	F4S	FZZ	EA	429984.45	16	0	XD2	U				1		S	

Noun : INU PIIIA I&S Grp: TCC: Z FFP:
Serviceable TOC Condemned Suspended Reparable

Whs Loc
WR Bal 4 0 0 0 0 0
CTR Bal 0 0 0 0 0 0

Date	Last Trans	03309	Date	Last Inv	99243	Page	1						
DUE OUT	Doc #	O-Qty	D-Qty	PY	SG	FC	PRJ	AC	RDD	Dmd	SupAdd		
FB458692990149		1	1	06	D		880		777	R			
FB468691800041		1	1	06	D		880		777	R			
FB469493210131		1	1	06	D		880	2D	777	R			
FB486392790203		1	1	06	D		880		777	R			
FB543093300003		1	1	08	D		880		777	R			
SY001783065000		1	1	02	D		205		319	R	ZZZGFP		
SY001793363104		2	2	02	D		205		349	R			

PAGE DN FOR MORE DUE OUTS



SRAN Interrogation

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Home Menu Files Print Clear Screen Process Sign Off

MAIN61 SRAN Interrogations

SRAN: **FB4686** SupAdd: Sort by: Document Number

Open Date: Close Date:

SRAN Status/Shipment Results Due Out Doc Number: FB468601600176

Sfx	Stat	Qty	STAT	EDD	Ship Qty	Ship Con	Ship Date	TCN	MD
A	2	BA	02248		2	A	00000		
B	1	BA	02248		1	A	00000		

Jump to page: 1 2 3 4 5 6 7 8 Page 01 of 08

Interrogation Results

Due Out Doc Number	Item Number	0-Qty	D-Qty	PY	RDD	PRJ	Dmd	SupAdd	Stat	EDD
FB468600340168	1560ND169516W	1	0	08	777	CTS	R	BA	00062	
FB468600611662	5340ND013633W	2	0	05	061		R	BA	02266	
FB468601460902	5970ND013110W	1	0	12	777		R		**	*****
FB468601600176	6150ND013324W	1	0	12	777		R		**	*****
FB468601810182	5975ND013498W	1	0	05	777		N	FR4686	BA	03241
FB468602170108	5310ND012887W	6	0	05	777	205	R	FB4686	BA	01040
FB468602170137	5310ND012004W	15	0	05	224	205	R		**	*****
FB468602420126	1560ND177718W	1	0	05	777	205	R	YBQABW	**	*****
FB468603080019	1660ND134453W	1	0	03	777	CTR	R	YAYABW	BA	01254
FB468603200102	1660ND120462W	2	0	06	777	CTS	R		**	*****
FB468610230093	1660ND113316W	2	0	06	777	CTS	R		**	*****
FB468610269040	9150ND1024305W	2	0	02	777	700	R	YIA719	BA	01029
FB468610330107	1660ND113316W	1	0	06	777	CTS	R		BA	01096
FB468610520128	1660ND113316W	1	0	06	777	CTS	R		BA	01096
FB468610530119	1660ND120466W	1	0	06	777	CTS	R		BA	01107
FB468610680500	1660ND120466W	1	0	06	777	CTS	R		BA	01107
FB468610740078	5995ND078826W	31	0	05	777		R	YBQABW	BA	01074
FB468610740239	1660ND113316W	1	0	06	777	CTS	R		BA	01096
FB468610930273	6130ND068879W	1	0	03	777	CTS	R	YARABW	BA	01113
FB468611360149	5995ND028012W	1	0	06	777	880	R		BA	01137
FB468611570200	6710ND010411W	1	0	08	777	880	R		BA	01158
FB468611660080	1560ND088344W	1	0	08	777	780	R		BA	01169
FB468611670020	5995ND013220W	1	0	08	777	780	R		BA	01169

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Location ID Report



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SELECTION CRITERIA FOR LOCATION ID REPORT

Files
Process MASL43
Clear Screen
Back E-DSL and SLOE
Edit

1 - Item Number sequence

SITES SELECTED FOR LISTING ARE AS FOLLOWS:								PAGE: 1	
SELECT SITES LISTING (MSSR47) by ITEM NUMBER (DSL)									
ITEM NUMBER	NUMBER	LOCATION ID: 9MS	SRAN: FB4686	UI	ERC	COST	AUTH IND	PS	QTY
ASL3	1370ND177066W	TEST3-ASL		HD	N	100.00	D	1AC	1
BJF RAW PN - GDM2038	1377ND175965W	PUMP		EA	N	1000.00	D	1AD 01TEST	1 2

END OF LISTING FOR 9MS
END OF SELECT SITES LISTING





Transportation Shipment Suspense Interrogation



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ALMSS ONLINE AUTOMATED LOGISTICS MANAGEMENT SUPPORT SYSTEM

United States Home Information Center Customer Support Site Map

FedEx®

Package / Envelope Services Freight Services Same Day Services

Ship Track Rates Pickup Locations Transit Time International Tools

Track Shipments [Printable Version](#) [Quick Help](#)

Detailed Results

Tracking number Signed for by Ship date Delivery date/time	613648076480 B.HARWOOD Oct 24, 2003 Oct 27, 2003 10:01 am	Reference number Delivery location Service type	FM468630346004C F8U2 BEALE A F B CA Priority Overnight
---	--	---	---

Date/time	Status	Location	Comments
Oct 27, 2003 10:01 am	Delivered	BEALE A F B CA	

Signature proof Track more shipments

Email your detailed tracking results (optional)

Enter your email, submit up to three email addresses (separated by commas), add your message (optional), and click **Send email**.

Add a message to this email.

From:
To:

You can also track:

- [By Alternate Reference](#)
- [By Email](#)
- [TCN \(Gov't Shippers\)](#)

Track other FedEx services

- [FedEx Custom Critical shipments](#)
- [FedEx Trade Networks shipments](#)
- [International Air Cargo](#)

• [My FedEx](#)

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